

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	2	(multiple plural\$4 array) adj3 (generat\$4 oscillat\$5) same synthesiz\$9 adj5 split \$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/24 12:48
L3	74	(multiple plural\$4 array) adj3 (generat\$4 oscillat\$5) and synthesiz\$9 adj5 split \$5 not 2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/24 12:49
L4	24	laser same (multiple plural\$4 array) adj3 (generat\$4 oscillat\$5) and synthesiz\$9 adj5 split\$5 not 2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/24 12:49
S1	2	"20020080497"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 12:31
S2	1	("4701591").PN.	USPAT; USOCR	OR	OFF	2009/06/23 12:31
S3	3	S1 S2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 12:31
S4	0	laser same (laser beam) with source with synthesized with ("same" similar\$2 identical\$4 substantial \$4) adj intensit\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 12:38
S5	1	laser same (laser beam) with source with synthesiz\$3 with ("same" similar\$2 identical\$4 substantial \$4) adj intensit\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 12:38

S6	24	laser same (laser beam) with synthesiz \$3 with source and (laser beam) with ("same" similar\$2 identical\$4 substantial \$4) adj intensit\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 12:41
S7	6	laser same (laser beam) with synthesiz \$3 with source with (plural\$4 multiple) and (laser beam) with ("same" similar\$2 identical\$4 substantial \$4) adj intensit\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 12:42
S8	5	S6 and laser with (\$3crystalliz\$7 \$3melt \$3 \$3solidif\$9)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 12:52
S9	2	laser same synthesiz \$3 near3 (plural\$4 multiple) adj3 (laser beam) and (laser beam) with ("same" similar\$2 identical\$4 substantial\$4) adj intensit\$4 not S7 not S8	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 13:02
S10	340	(koichiro and tanaka). in. and laser with (plural\$4 multiple) and stage	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 13:08
S15	2	"20030042397"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 13:11
S16	99	(plural\$4 multiple) adj3 (laser beam) same laser and (plural \$4 multiple) adj2 stage and laser with (\$3crystalliz\$7 \$3solidif \$7 \$3melt\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 13:21

S17	34	(plural\$4 multiple) adj3 (laser beam) with (source generat\$4 unit) same laser and (plural\$4 multiple) adj2 stage and laser with (\$3crystalliz\$7 \$3solidif\$7 \$3melt\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 13:21
S18	18	(plural\$4 multiple) adj3 (laser beam) with (source generat\$4 unit) same laser and (plural\$4 multiple) adj2 stage with (silicon wafer semiconductor) and laser with (\$3crystalliz \$7 \$3solidif\$7 \$3melt \$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 13:22
S19	12	(plural\$4 multiple) with (laser beam) and laser and (plural\$4 multiple) with (stage hold\$3) and (silicon wafer semiconductor) and (\$3crystalliz\$7 \$3solidif\$7 \$3melt\$3)	JPO	OR	ON	2009/06/23 13:25
S20	11	(plural\$4 multiple) with (laser beam) and laser and (plural\$4 multiple) adj3 (wafer chip spot) and (silicon wafer semiconductor) and (\$3crystalliz\$7 \$3solidif\$7 \$3melt\$3)	JPO	OR	ON	2009/06/23 13:28
S21	0	(array\$3 plural\$4 multiple) with (laser beam) and laser and (array\$4 plural\$4 multiple) adj3 (wafer chip spot) and (silicon wafer semiconductor) and (\$3crystalliz\$7 \$3solidif\$7 \$3melt\$3) not S20	JPO	OR	ON	2009/06/23 13:29

S22	0	(array\$3 plural\$4 multiple) near5 (laser beam generat\$3 source) and laser and (array\$4 plural\$4 multiple) adj3 (wafer chip spot) and (silicon wafer semiconductor) and (\$3crystalliz\$7 \$3solidif\$7 \$3melt\$3) not S20	JPO	OR	ON	2009/06/23 13:30
S23	188	(array\$3 plural\$4 multiple) near5 (laser beam generat\$3 source) and laser and (array\$4 plural\$4 multiple) adj3 (wafer chip spot) and (silicon wafer semiconductor)	JPO	OR	ON	2009/06/23 13:30
S24	184	(array\$3 plural\$4 multiple) near5 (laser beam generat\$3 source) and laser and (array\$4 plural\$4 multiple) adj3 (wafer chip spot) and (silicon wafer semiconductor) not S20 not S19 not S18 not S17	JPO	OR	ON	2009/06/23 13:30
S25	90	(array\$3 plural\$4 multiple) near2 (laser beam generat\$3 source) and laser and (array\$4 plural\$4 multiple) adj2 (wafer chip spot) and (silicon wafer semiconductor) not S20 not S19 not S18 not S17	JPO	OR	ON	2009/06/23 13:31
S26	1	(array\$3 plural\$4 multiple) near2 (laser beam generat\$3 source) and laser and (array\$4 plural\$4 multiple) adj2 (wafer chip spot) and (silicon wafer semiconductor) and (array\$3 plural\$4 multiple) adj3 stage not S20 not S19 not S18 not S17	JPO	OR	ON	2009/06/23 13:32

S27	21	(array\$3 plural\$4 multiple) with (laser beam generat\$3 source) and laser and (array\$4 plural\$4 multiple) with (wafer chip spot) and (silicon wafer semiconductor) and (array\$3 plural\$4 multiple) with stage not S20 not S19 not S18 not S17	JPO	OR	ON	2009/06/23 13:33
S28	39	(array\$3 plural\$4 multiple) with (laser beam generat\$3 source) and laser and (array\$4 plural\$4 multiple) with (wafer chip spot) and (silicon wafer semiconductor) and (array\$3 plural\$4 multiple) with (stage platform holding holder) not S20 not S19 not S18 not S17	JPO	OR	ON	2009/06/23 13:33
S29	5	(array\$3 plural\$4 multiple) with (laser beam generat\$3 source) and laser and (array\$4 plural\$4 multiple) with (wafer chip spot) and (silicon wafer semiconductor) and (array\$3 plural\$4 multiple) adj3 (stage platform holding holder) not S20 not S19 not S18 not S17	JPO	OR	ON	2009/06/23 13:34
S30	9	(array\$3 plural\$4 multiple) with (laser beam generat\$3 source) and (laser beam) and (array\$4 plural\$4 multiple) with (wafer chip spot) and (silicon wafer semiconductor) and (array\$3 plural\$4 multiple) adj3 (stage platform holding holder) not S20 not S19 not S18 not S17	JPO	OR	ON	2009/06/23 13:35

		not S29				
S31	10	(array\$3 plural\$4 multiple) with (laser beam generat\$3 source) and (laser beam) and (array\$4 plural\$4 multiple) with (wafer chip spot) and (array\$3 plural\$4 multiple) adj3 (stage platform holding holder) not S20 not S19 not S18 not S17 not S29 not S30	JPO	OR	ON	2009/06/23 13:37
S32	54	(array\$3 plural\$4 multiple group\$3) adj2 (laser beam generat\$3 source) and (laser beam) and (array\$3 plural\$4 multiple) adj3 (stage platform holding holder) not S20 not S19 not S18 not S17 not S29 not S30 not S31	JPO	OR	ON	2009/06/23 13:39
S33	23	(array\$3 plural\$4 multiple group\$3) adj (laser beam generat\$3 source) and (array\$3 plural\$4 multiple group \$3) adj (stage platform holding holder)	JPO	OR	ON	2009/06/23 13:46
S34	137	(array\$3 plural\$4 multiple group\$3) adj (laser beam generat\$3 source) and (array\$3 plural\$4 multiple group \$3) adj (stage platform holding holder) and laser same (\$3crystalliz\$7 \$3solidif\$7 \$3melt\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 13:49

S35	19	(array\$3 plural\$4 multiple group\$3) adj (laser beam generat\$3 source) and (array\$3 plural\$4 multiple group\$3) adj (stage platform holding holder) and laser with (array\$3 plural\$4 multiple group\$3) with (\$3crystalliz\$7 \$3solidif \$7 \$3melt\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 13:49
S36	0	(array\$3 plural\$4 multiple group\$3) with beam adj2 combin\$4 and split\$5 with (array \$3 plural\$4 multiple group\$3) adj2 (stage platform holding holder) and laser with (array\$3 plural\$4 multiple group\$3) with (\$3crystalliz\$7 \$3solidif \$7 \$3melt\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 13:53
S37	6	(array\$3 plural\$4 multiple group\$3) with beam adj2 combin\$4 and split\$5 with (array \$3 plural\$4 multiple group\$3) adj2 (stage platform holding holder)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 13:54
S39	163	219/121.76 and (plural \$\$ multiple array\$4) near5 (platform stage surface)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 13:56
S40	34	219/121.76 and (plural \$\$ multiple array\$4) near5 (platform stage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 13:56
S41	32	S40 and optic\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 14:00

S42	62	laser same (optic\$4 with (stage platform)) with (inside within housed) adj3 chamber	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 14:13
S43	21	laser same (optic\$4 near3 (stage platform)) with (inside within housed) adj3 chamber	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 14:13
S44	1	S43 and laser same (\$3crystalliz\$9 \$3solidif \$9 \$3melt\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 14:14
S46	2	S43 and (\$3crystalliz \$9 \$3solidif\$9 \$3melt \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 14:14
S47	22	laser same (optic\$4 near3 (stage platform)) with (inside within housed) adj3 (chamber housing enclosure) not S43	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 14:15
S48	181	laser same (optic\$4 with (stage platform)) with (inside within housed) adj3 (chamber housing enclosure) not S43 not S47	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 14:17
S49	25	laser same (\$3crystalliz \$9 \$3solidif\$9 \$3melt \$3) and (optic\$4 with (stage platform)) with (inside within housed) adj3 (chamber housing enclosure) not S43 not S47	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 14:18
S50	2	"20050048383"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 14:24



S51	0	S50 and split\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 14:24
S52	574	laser with split\$4 with recombin\$9	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 14:25
S53	37	S52 and (\$3crystalliz \$9 \$3solidif\$9)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 14:25
S54	361	laser with synthesiz\$5 with split\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 14:38
S55	2	laser with synthesiz\$5 with split\$4 with beamlet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 14:38
S56	334	laser with synthesiz\$5 with split\$4 with beam	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 14:39
S57	179	laser with synthesiz\$5 near2 beam with split \$4 near2 beam	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 14:39
S58	11	laser with synthesiz\$5 near2 beam with split \$4 near2 beam and laser with (\$3crystalliz \$9 \$3solidif\$9)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 14:39

S59	11	(US-20050048383-\$ or US-20040097103-\$ or US-20030024905-\$ or US-20030042397-\$ or US-20070042575-\$). did. or (US-4820899-\$ or US-6430465-\$ or US-6861614-\$ or US-5591668-\$).did. or (JP-58222521-\$).did. or (DE-19959862-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/23 14:48
S60	1	S59 and "5320"?	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/23 14:49

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